18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, PoE MNT PLT Gray

TEF181608-400

Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated*
- Fully gasketed lid & integral mounting flange
- Features aluminum mounting plate with 802.3af compatible PoE interface with CAT 5 Surge Protection

Applications

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment Installations
- Corrosive environments & hotspot applications
- Protection of equipment from theft or damage

Description

The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs. The enclosure can also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits. The lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. Includes fully gasketed lid & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Plate

The mounting plate included with the TEF181608-400 features a CAT5 802.3af compatible PoE interface that feeds power plus data to the internal network equipment. It requires an injector/midspan to supply 48VDC to the PoE devices installed inside the enclosure. The interface includes lightning protection and support for normal and reverse polarity PoE equipment. The enclosure also features holes for two N-Bulkhead lightning protectors or connectors, a grounding lug, and a cable conduit connector.

The TEF-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include TEF-PMT13, TEF-PMT16, TEF-PMT28, TEF-PMT29, TEF-PMT30 & TEF-PMT33

*Note: Enclosure ports (cable conduit connector and N-type holes for lightning protectors or connectors) must be properly sealed to maintain NEMA Type 4 / IP66 rating
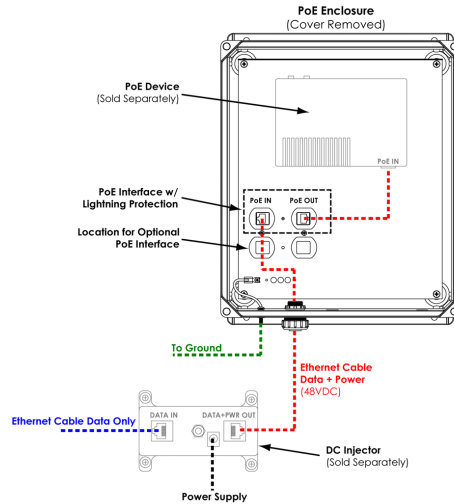
Mechanical Specifications

Size

Outer Height	19.5 in	[495.3 mm]
Outer Width	17.5 in	[444.5 mm]
Outer Depth	10 in	[254 mm]
Inner Height	17.7 in	[449.58 mm]
Inner Width	15.7 in	[398.78 mm]
Inner Depth	8.4 in	[213.36 mm]
Weight	19.3 lbs	[8.75 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

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PoE Enclosure
(Cover Removed)

PoE Device
(Sold Separately)

PoE IN

PoE Interface w/
Lightning Protection

PoE IN   PoE OUT

Location for Optional
PoE Interface

To Ground

Ethernet Cable
Data + Power
(48VDC)

Ethernet Cable Data Only

DATA IN   DATA+PWR OUT

DC Injector
(Sold Separately)

Power Supply

Environmental Specifications

Temperature Rating	-50 to +150 degC
NEMA Rating	4
Ingress Protection (IP) Rating	IP66

Compliance Certifications

UL Listed	No

Additional Data

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, PoE MNT PLT Gray TEF181608-400

URL: https://www.transtector.com/18x16x08-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef181608-400-p.aspx

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TEF181608-400 CAD Drawing

18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, PoE MNT PLT Gray

MOUNTING HOLES [476.3] 18.75

316 SS PADLOCKABLE LATCHES
Ø.375 PADLOCK EYE

DETAIL "A"
.578
.625

SEE DETAIL "A" (2X)

HIDDEN LINES REPRESENT COMPONENTS ON BACK OF PLATE -DO NOT DRILL-

Ø .32 MOUNTING HOLES (8X)

[476] 18.7
[450] 17.7
[399] 15.7
12.00 [304.8]
10.00 [254]

304 SS PIANO HINGE

[491] 19.3

[199] 7.8
16.7 [425]
14.19
10.52
7.18
2.75
0
1.75

1/2" CONDUIT CONNECTOR

GROUND LUG
5.86
4.48
3.49

[44] 1.7
[23] .9
17.3 [440]
8.6

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